dled into a bright flame, and ſent forth a ſcent ſomewhat like that of hoofs or horns, tho it had a very fragrant ſmell before. I am told moreover, that 'tis very uſual in theſe parts of the Kingdom to find various ſorts of ancient Earthen Ware, ſome exceeding *China* in fineneſs. I remember I once ſaw a Piece in the hands of an Apothecary in *Caln*, that had been finely gilt with Gold: The ſame Apothecary has alſo a very good ſtock of Ancient Coyns by him: which is all the account I am able to give you at preſent. If any thing further occurs to my knowledge, you ſhall be ſure to hear from

Your humble Servant,
J. Clarke.

VII. *Excerpta ex literis D. Petri Hotton Med. & Botan. Profeſſ. in Acad. Lugduno Batava, ad Editorem de Acemella & ejus facultate lithontriptica.*

ATtmella, Acemella, & Hacmella, iſtis enim nominibus miſſa mihi anno 1691 ſemina ex inſula Ceylon, ubi naſcitur & familiaris eſt. An & in Malabar aliiſve Indiæ regionibus proveniat compertum non habeo.

Cum barbarica ſint hujus plantæ nomina, de eorum originatione nihil habeo quod afferam.

Ipſa vero planta, quam colui ipſe Anno 1692. Flores fert, in caulium ſummis, ex multis Floſculis tubuloſis coagmentatos in caput coactos, & Perianthio Hexaphyllo aut Polyphyllo ſuffultos, perquam ſimiles Chryſanthemo Curaſſavico alato caule, Flore aurantio; cujus Icon exſtat apud Pluknet Phytog. in Par. Batavo Hermanni. Horto Monſp. Magnol & Volkameri Flora Noribergenſi,

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genſi, ſed luteolos, quibus excuſſis ſequuntur ſemina extuſco gryſea, longa, plana, ſumma ſui parte duplici aristâ prædita, ipſis floſculis ſubjecta, caules edit quadratos Foliis conjugatis Lamii aut Urticæ longioribus & acriuſculis veſtitos ex quibus Conjicitur ſpectare hanc plantam indubie ad Corymboſarum gentem & genuinam eſſe ſobolem ejus generis, quod Bidens a ſemine bidente vocat Caeſalpinus eumque ſecutus Tournefortius. Quare cum haefenus nomine careat hæc planta hoc ex ipſius plantæ ingenio ei imponendum cenſeo.

Bidens Urticæ folio Lithontriptica Zeylanica. Inter omnia enim Medicamenta quæ in comminuendo calculo valere perhibentur, planta hæc nuperis annis facta eſt celeberrima, inter noſtros homines qui in memorata inſula vivunt & noviſſime quoque apud nos multam nacta eſt celebritatem.

Miles quidam, qui primus Anno 1690. Societati noſtræ Indicæ indicium hujus herbæ dedit, profitebatur ſe pluſquam centum ægris ejus ope liberaſſe a calculo & Nephriticis doloribus: quam & cum ſucceſſu uſurpatam in duobus ægris calculoſis teſtantur in literis eodem anno adSocietatem Indicam Datis Gubernator & Supremus Batavorum Conceſſus in inſula Ceylon, aiunt enim in iis deturbatas expulſaſque fuiſſe multas, arenulas, minutoſque calculos abſque ullo fere dolore.

Primus Noſocomii urbis Colombo, quæ ſita eſt in memoratâ inſula Chirurgus, Vir, ut videtur induſtrius plane & diligens in literis Anno 1699. ad me datis, in rei veritate teſtari ſe poſſe aſſerit, efficacius medicamentum contra calculum & Nephriticos dolores repertum hactenus non fuiſſe, qui & porro addit tres ejus ſpecies a ſe multa inveſtigatione inventas quarum prima foliis amicitur dilute virentibus & ſemen producit itidem luteum: Secunda folia edit ſature virentia & ſemen producit itidem luteum: Tertia ſemen nigrum profert & longe majoribus foliis veſtitur quam reliquæ duæ, quas

virtute præſtantiſſimas eſſe aſſerit, denique ſubjungit fertiliſſimam eſſe hanc plantam, quæque pluſquam decem millia ſeminum gignit.

Hujus uſurpantur folia, ſemen, quod præ cæteris partibus laudat præfectus ille noſter noſocomii Zeylanenſis, Radix, caules & rami.

Folia Lecta antequam flores prodeunt in umbra Siccata & in pulverem comminuta dantur in convenienti vehiculo aut aquæ calidæ infunduntur, bibiturque ea infuſio inſtar infuſionis herbæ The. infunduntur & Spir. vini & paratur per deſtillationem Spritius ex Radice, caulibus & ramis.

Flores, Radices extractum & Sal in Pleuritide Colica & febribus feliciter ſe uſurpaſſe teſtatur alius quidam Noſocomii Zeylonenſis præfectus.

Atque hæc ſunt, quæ mihi innotuere ex litteris Colombo ad Societatem noſtram Indicam & ad me datis de herbæ hujus facultatibus, utendique modo. Ex duobus Chirurgis primò memoratus, qui ſatis accuratus mihi videtur obſervator, laudat quoque in ſuis litteris a vi lithontriptica cortices Radicum ipſaſque Radices herbæ cujuſdam *Mangul Caranda pottu* Zeylanenſibus dictæ, at, quæ illa ſit, me latet.

Etiamſi autem modus & ratio qua agant hæc aliave vere lithontriptica habita medicamenta non facilis ſit explicatu, durum tamen videtur nullam plane fidem habere viris fide dignis. Ego vero hæc experientiæ debite inſtitutæ ſæpiuſque repetendæ Committo.

VIII. *Part of a Letter from Mr* Stephen Gray *to the Publiſher, containing his obſervations on the Foſſils of* Reculver *Cliffe, and a new way of drawing the* Meridian *Line, with a Note on this letter by the Publiſher.*

SIR, *Canterbury*, Jan. 13. 1701.

I Received the Tranſaction for the months of *September* and *October*, 1700. moſt gratefully. I was ex-